

CHECKLIST FOR ROAD AND BRIDGE PROJECTS

1. Purpose and Need

- a. what will be constructed
- b. what is use (public, vehicle, pedestrian)
- c. what is size (width/length)
- d. type and volume of traffic that is anticipated
- e. list alternative routes or locations

2. Location of Proposed Project

- a. legal description
- b. site specific engineering surveys for critical areas
- c. maps and drawings showing river, canal crossings
- d. acre calculation of the right-of-way

3. Facility Design Factors

- a. minimum and maximum engineering standards
 - 1) construction standards of the road
 - 2) maximum grade and pitch of the road
 - 3) requirements and location of drainage ditches, culverts, bridges, and low-water crossings
 - 4) describe surfacing material
 - 5) cut and fill diagram
- b. detailed engineering plans and specification
- c. temporary staging areas

4. Government Agency Involved

- a. Section 404, 402/401, and others as appropriate
- b. State and local permits

5. Construction of the Facility

- a. description of construction activities
- b. types of equipment needed, including tons/loads
- c. flagging/staking
- d. vegetation clearing and grading
- e. access
- f. engineering drawings, cross sections, diagrams, specifications
- g. special equipment to be utilized
- h. construction management plans
- i. safety plan
- j. job hazardous analysis

6. Resource Values and Environmental Concerns

- a. anticipated conflicts with resources or public health and safety

1) air, noise, geologic hazards, vegetation, wildlife (threatened & endangered species), cultural resources, visual resources, recreation activities, etc)

7. Stabilization and Rehabilitation

- a. soil replacement and stabilization
- b. disposal of vegetation removed during construction
- c. seeding specifications

8. Operation and Maintenance

- a. access needs for ongoing O&M activities
- b. inspection and maintenance schedules
- c. work schedules
- d. fire control
- e. emergency planning

9. Termination and Restoration

- a. removal of structures
- b. stabilization and re-vegetation of disturbed areas